

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. This Standard is the accepted Treasury convention for the Intra-governmental Payment and Collection (IPAC) system. The transaction set can be used by Federal Agencies to provide for customary and established business and industry practices relative to the billing for goods and services provided.

2. IPAC special processing instructions are provided.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	010	ST	Transaction Set Header	M	1		
5	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
7	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
LOOP ID - N1						200	
8	070	N1	Name	O	1		
Not Used	080	N2	Additional Name Information	O	2		
Not Used	090	N3	Address Information	O	2		
Not Used	100	N4	Geographic Location	O	1		
9	110	REF	Reference Numbers	O	12		
10	120	PER	Administrative Communications Contact	O	3		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
12	140	DTM	Date/Time Reference	O	10		
Not Used	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		
Not Used	190	PKG	Marking, Packaging, Loading	O	25		
Not Used	200	L7	Tariff Reference	O	1		
13	210	AT	Financial Accounting	O	>1		

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Not Used	212	BAL	Balance Detail	O	2	n1
Not Used	213	INC	Installment Information	O	1	
LOOP ID - LM					10	
Not Used	220	LM	Code Source Information	O	1	
Not Used	230	LQ	Industry Code	M	100	
LOOP ID - N9					1	
Not Used	240	N9	Reference Number	O	1	
Not Used	250	MSG	Message Text	M	10	
LOOP ID - V1					>1	
Not Used	260	V1	Vessel Identification	O	1	
Not Used	270	R4	Port	O	>1	
Not Used	280	DTM	Date/Time Reference	O	>1	

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - IT1				200000			
15	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n2
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
Not Used	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
LOOP ID - PID				1000			
Not Used	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
18	120	REF	Reference Numbers	O	>1		
20	130	PER	Administrative Communications Contact	O	5		
Not Used	140	SDQ	Destination Quantity	O	500		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	CAD	Carrier Detail	O	>1		
Not Used	170	L7	Tariff Reference	O	>1		
Not Used	175	SR	Requested Service Schedule	O	1		
LOOP ID - SAC				25			
22	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	190	TXI	Tax Information	O	10		
LOOP ID - SLN				1000			
24	200	SLN	Subline Item Detail	O	1		

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Not Used	210	REF	Reference Numbers	O	>1	
Not Used	220	PID	Product/Item Description	O	1000	
27	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
Not Used	235	TC2	Commodity	O	2	
Not Used	237	TXI	Tax Information	O	10	
LOOP ID - N1					200	
Not Used	240	N1	Name	O	1	
Not Used	250	N2	Additional Name Information	O	2	
Not Used	260	N3	Address Information	O	2	
Not Used	270	N4	Geographic Location	O	1	
Not Used	280	REF	Reference Numbers	O	12	
Not Used	290	PER	Administrative Communications Contact	O	3	
LOOP ID - LM					10	
Not Used	300	LM	Code Source Information	O	1	
Not Used	310	LQ	Industry Code	M	100	
LOOP ID - V1					>1	
Not Used	320	V1	Vessel Identification	O	1	
Not Used	330	R4	Port	O	>1	
Not Used	340	DTM	Date/Time Reference	O	>1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
29	010	TDS	Total Monetary Value Summary	M	1		
Not Used	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
LOOP ID - SAC					25		
30	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
LOOP ID - ISS					>1		
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
32	070	CTT	Transaction Totals	M	1		n3
34	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment"or ``Special Handling Adjustment" invoice.
2. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade -ins or returns.
3. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 X12.2 Invoice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated. This same number will be cited in SE02.</i>	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Notes: 1. If BIG07 = DI (Debit Invoice) then the Purchase Order number is in BIG04.

2. If BIG07 = CI (Consolidated Invoice) then the Purchase Order number is in 2/REF02/120.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIG01	373	Date	Date (YYMMDD)	M DT 6/6
M	BIG02	76	Invoice Number	Identifying number assigned by issuer	M AN 1/22
	BIG03	373	Date	Date (YYMMDD)	O DT 6/6
	BIG04	324	Purchase Order Number	Identifying number for Purchase Order assigned by the orderer/purchaser	O AN 1/22
				1. If BIG07 = CI, use 2/REF/120 for the Purchase Order information.	
				2. If BIG07 = DI, use BIG04 for the purchase order number.	
Not Used	BIG05	328	Release Number	Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
Not Used	BIG06	327	Change Order Sequence Number	Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
Must Use	BIG07	640	Transaction Type Code	Code specifying the type of transaction	O ID 2/2
			CI	Consolidated Invoice	
			DI	Debit Invoice	

Not Used	BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	BIG09	306	Action Code Code indicating type of action Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	BIG10	76	Invoice Number Identifying number assigned by issuer	O AN 1/22

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. THIS DATA WILL BE SUPPLIED BY IPAC.

2. IPAC will provide a document reference number (REF01= 07) for each collection transaction.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			O7	On-line Procurement and Accounting Control (OPAC) Transaction
			Use to indicate the IPAC document reference number.	
Must Use	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			This number will be supplied by IPAC.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	N1 Name
Position:	070
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>The N1 loop must be repeated twice. The N1 loop will be used to identify both the originator and receiver of the transaction.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code		M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			<i>Use to indicate the originator (II) or the receiver (BT) of the transaction.</i>		
			BT	Bill-to-Party	
			II	Issuer of Invoice	
	N102	93	Name		X AN 1/35
			Free-form name		
Must Use	N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			ZZ	Mutually Defined	
			<i>Use to indicate an Agency Location Code.</i>		
Must Use	N104	67	Identification Code		X AN 2/20
			Code identifying a party or other code		
			<i>Use to indicate the 8 digit Agency Location Code assigned by Treasury.</i>		
Not Used	N105	706	Entity Relationship Code		O ID 2/2
			Code describing entity relationship		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	Entity Identifier Code		O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **REF** Reference Numbers
Position: 110
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use this segment to indicate the IPAC Disbursing Office (DO) symbol number.
2. This segment must be used when the N101 code is II.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			DX Department/Agency Number	
			<i>Use to indicate the IPAC Disbursing Office symbol number.</i>	
Must Use	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>Use to indicate the IPAC DO symbol of the originator of the 810 transaction set.</i>	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **PER Administrative Communications Contact**
Position: 120
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *This segment must be used when the N101 code is II.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Use to indicate either the accounting department contact or another information contact.</i>	
			AD Accounting Department	
			IC Information Contact	
Must Use	PER02	93	Name	O AN 1/35
			Free-form name	
Must Use	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			TE Telephone	
Must Use	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Must Use	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			EM Electronic Mail	
Must Use	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>Choose only from the following codes for communication numbers.</i>	
			AU Defense Switched Network	

FT	Federal Telecommunications System (FTS)
FX	Facsimile
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

Not Used PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Segment: **DTM** Date/Time Reference

Position: 140

Loop:

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *This data will be supplied by IPAC and will be used for both the accomplished date and the accounting date.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
				009 Process	
Must Use	DTM02	373	Date		X DT 6/6
				Date (YYMMDD)	
Must Use	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
				Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	DTM05	624	Century		O N0 2/2
				The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
				Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	DTM07	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AT** Financial Accounting
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To transmit financial accounting data
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information.
Notes: *The sender's Treasury Account Symbol (TAS) is required for IPAC processing: use to indicate the TAS in either 1/AT02/210 or 2/REF/120 where REF01=8M.*

Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Not Used	AT01	1271 Industry Code	X	AN 1/20
		Code indicating a code from a specific industry code list		
	AT02	1282 Treasury Symbol Number	O	AN 7/21
		Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure		
		<i>1. The sender's TAS is carried generally in 2/REF02/120.</i> <i>2. AT02 is used if every line item detail record uses the same TAS.</i> <i>3. If the TAS is less than 7 positions, the TAS must go in 2/REF02/120 where REF01=8M.</i>		
	AT03	1283 Budget Activity Number	O	AN 1/16
		Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure		
		<i>If used, this element will indicate the accounting classification code number.</i>		
Not Used	AT04	1284 Object Class Number	O	AN 3/12
		Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure		
Not Used	AT05	1285 Reimbursable Source Number	O	AN 1/3
		Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure		
Not Used	AT06	1286 Transaction Reference Number	O	AN 4/20
		Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification		

			coding structure	
Not Used	AT07	1287	Accountable Station Number	O AN 3/8
			Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure	
Not Used	AT08	1288	Paying Station Number	O AN 8/14
			Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	
Not Used	AT09	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	AT10	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

Comments:

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
- 2 IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	IT101	350	Assigned Identification		O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set		
Must Use	IT102	358	Quantity Invoiced		X R 1/10
			Number of units invoiced (supplier units)		
Must Use	IT103	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>Any code may be used. The listed codes are sample only.</i>		
			<i>BX Box</i>		
			<i>EA Each</i>		
			<i>EX Feet, inches and Fraction</i>		
			<i>TN Net Ton (2,000 LB)</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Must Use	IT104	212	Unit Price		X R 1/17

			Price per unit of product, service, commodity, etc.	
	IT105	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	IT106	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			<i>This data element will be used to indicate Pay Status and qualifies IT107.</i>	
			ZZ	Mutually Defined
			<i>Use to indicate a Treasury provided code.</i>	
Must Use	IT107	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
			<i>When IT106 is code "ZZ", enter either an "F" to indicate a final payment or a "P" to indicate a partial payment.</i>	
	IT108	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	IT109	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
	IT110	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	IT111	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
	IT112	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	IT113	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
	IT114	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	IT115	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
	IT116	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in	

		Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
IT117	234	Product/Service ID	X AN 1/40
		Identifying number for a product or service	
IT118	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
IT119	234	Product/Service ID	X AN 1/40
		Identifying number for a product or service	
IT120	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
IT121	234	Product/Service ID	X AN 1/40
		Identifying number for a product or service	
IT122	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
IT123	234	Product/Service ID	X AN 1/40
		Identifying number for a product or service	
IT124	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
IT125	234	Product/Service ID	X AN 1/40
		Identifying number for a product or service	

Segment:	REF Reference Numbers
Position:	120
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use this segment to identify Purchase Order, Contract Number, Job Order Cite ID, ACRN, and CLIN data.</i></p> <p><i>2. The sender's Treasury Account Symbol (TAS) is required for IPAC processing: use to indicate the TAS in either 1/AT02/210 or 2/REF/120 where REF01=8M.</i></p>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128 Reference Number Qualifier	M ID 2/2
Code qualifying the Reference Number.			
<p><i>1. Use code "ZZ" when the REF02 is not used and transaction description is passed in REF03.</i></p> <p><i>2. Use code S0 when REF02 is not used and miscellaneous information is passed in REF03.</i></p> <p><i>3. Any code can be used. The listed codes are samples only.</i></p> <p>1J-Facility ID Number <i>Use to indicate the receiver's fiscal station number.</i></p> <p>1Z-Financial Detail Code <i>Use to indicate the Department of Defense Accounting Code (DODAC).</i></p> <p>2I-Tracking Number <i>Use to indicate the Accounting Control Transaction (ACT) trace number.</i></p> <p>8M-Originating Company Identifier <i>Use to indicate the sender's Treasury Account Symbol.</i></p> <p>8N-Receiving Company Identifier <i>Use to indicate the receiver's Treasury Account Symbol.</i></p> <p>AX-Government Accounting Class Reference Number (ACRN)</p> <p>C7-Contract Line Item Number</p> <p>CT-Contract Number</p> <p>DP-Department Number <i>Use to indicate the receiver's 2 digit department code.</i></p>			

			<i>JB-Job (Project) Number</i> <i>PO-Purchase Order Number</i> <i>RQ-Purchase Requisition Number</i> <i>S0-Special Approval</i> <i>Use to indicate miscellaneous information.</i> <i>ZZ-Mutually Defined</i> <i>Use to indicate transaction description.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>Use to indicate the following numbers:</i>	
			<i>ACT Trace Number - Maximum 16 positions</i> <i>Contract Line Item - Maximum 6 positions</i> <i>Department Number - Maximum 2 positions</i> <i>DODAC - Maximum 15 positions</i> <i>Fiscal Station Number - Maximum 8 positions</i> <i>JAS - Maximum 30 positions</i> <i>Obligation Doc No. - Maximum 17 positions</i> <i>Purchase Order - Maximum 22 positions</i> <i>Requisition Number - Maximum 15 positions</i> <i>Sender/Receiver Treasury Account Symbol - Maximum 21 positions</i>	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>Use this data element to report transaction description information when REF01 = ZZ or miscellaneous information when REF01 = S0.</i>	

Segment: **PER Administrative Communications Contact**
Position: 130
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Use to indicate either the accounting department contact or another information contact.</i>	
			AD Accounting Department	
			IC Information Contact	
Must Use	PER02	93	Name	O AN 1/35
			Free-form name	
Must Use	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			TE Telephone	
Must Use	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	PER08	364	Communication Number	X AN 1/80

			Complete communications number including country or area code when applicable	
Not Used	PER09	443	Contact Inquiry Reference	O AN 1/20
			Additional reference number or description to clarify a contact number	

Segment: SAC Service, Promotion, Allowance, or Charge Information**Position:** 180**Loop:** SAC Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: 1. SAC amounts + IT1 amounts MUST= TDS amounts.

2. This segment is used for line item adjustments.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	

			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	
Not Used	SAC09	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC10	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	SAC11	380	Quantity	O R 1/15
			Numeric value of quantity	
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O ID 2/2
			Code indicating method of handling for an allowance or charge	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC13	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	SAC14	770	Option Number	O AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered	
Not Used	SAC15	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	SLN Subline Item Detail
Position:	200
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If SLN07 is present, then SLN06 is required. 2 If SLN08 is present, then SLN06 is required. 3 If either SLN09 or SLN10 is present, then the other is required. 4 If either SLN11 or SLN12 is present, then the other is required. 5 If either SLN13 or SLN14 is present, then the other is required. 6 If either SLN15 or SLN16 is present, then the other is required. 7 If either SLN17 or SLN18 is present, then the other is required. 8 If either SLN19 or SLN20 is present, then the other is required. 9 If either SLN21 or SLN22 is present, then the other is required. 10 If either SLN23 or SLN24 is present, then the other is required. 11 If either SLN25 or SLN26 is present, then the other is required. 12 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	<i>Use to fulfill X12 syntax requirements.</i>

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	SLN01	350	Assigned Identification	M AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	SLN02	350	Assigned Identification	O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
M	SLN03	662	Relationship Code	M ID 1/1
			Code indicating the relationship between entities	

			I	Included	
				<i>Use to fulfill X12 syntax requirements.</i>	
M	SLN04	380	Quantity		M R 1/15
			Numeric value of quantity		
				<i>Use a quantity of "1" to fulfill X12 syntax requirements.</i>	
M	SLN05	355	Unit or Basis for Measurement Code		M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			ZZ	Mutually Defined	
				<i>Use to fulfill X12 syntax requirements.</i>	
Not Used	SLN06	212	Unit Price		X R 1/17
			Price per unit of product, service, commodity, etc.		
Not Used	SLN07	639	Basis of Unit Price Code		O ID 2/2
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN08	662	Relationship Code		O ID 1/1
			Code indicating the relationship between entities		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN09	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN10	234	Product/Service ID		X AN 1/40
			Identifying number for a product or service		
Not Used	SLN11	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN12	234	Product/Service ID		X AN 1/40
			Identifying number for a product or service		
Not Used	SLN13	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN14	234	Product/Service ID		X AN 1/40
			Identifying number for a product or service		
Not Used	SLN15	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN16	234	Product/Service ID		X AN 1/40

			Identifying number for a product or service	
Not Used	SLN17	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN18	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	SLN19	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN20	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	SLN21	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN22	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	SLN23	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN24	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	SLN25	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN26	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	SLN27	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SLN28	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	

Segment: SAC Service, Promotion, Allowance, or Charge Information**Position:** 230**Loop:** SLN Optional**Level:** Detail**Usage:** Optional**Max Use:** 25**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *Use this segment to pass Standard General Ledger (SGL) account information.***Data Element Summary**

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			C Charge	
Not Used	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Must Use	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values FG Federal Government	X	ID 2/2
Must Use	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge <i>Use code "C" to indicate Credit or code "D" to indicate Debit.</i>	X	AN 1/10
Must Use	SAC05	610	Amount Monetary amount	O	N2 1/15
Not Used	SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 1/1
Not Used	SAC07	332	Percent Percent expressed as a percent	X	R 1/6
Not Used	SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O	R 1/9
Not Used	SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
Not Used	SAC10	380	Quantity Numeric value of quantity	X	R 1/15
Not Used	SAC11	380	Quantity Numeric value of quantity	O	R 1/15
Not Used	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
Must Use	SAC13	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Use this data element to provide the 4 digit Standard General Ledger Account number.</i>	X	AN 1/30
Not Used	SAC14	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O	AN 1/20
Not Used	SAC15	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

Ref.	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610	Amount Monetary amount	M N2 1/15
Not Used	TDS02	610	Amount Monetary amount	O N2 1/15
Not Used	TDS03	610	Amount Monetary amount	O N2 1/15
Not Used	TDS04	610	Amount Monetary amount	O N2 1/15

Segment: SAC Service, Promotion, Allowance, or Charge Information**Position:** 040**Loop:** SAC Optional**Level:** Summary**Usage:** Optional**Max Use:** 1**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
Not Used	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SAC13	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **CTT Transaction Totals**
Position: 070
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
Not Used	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	X R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their	

content

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to transmit the same unique control number assigned by the originator in ST02.</i>	